

direction of water flow and along the contours of berms. The uphill end of blanket shall be anchored in a trench no less than 150 mm [6 in] deep and overlapped on the adjoining ends no less than 75 mm [3 in]. Parallel strips shall be overlapped 100 mm [4 in] on the sides. Approved anchor staples shall be placed at a maximum spacing of 900mm [3 ft] on center or as required by the manufacturer, whichever is closer.

613.08 Method of Measurement Erosion control blanket will be measured by the square meter [square yard] based on the width and length of the blanket measured on the ground.

613.09 Basis of Payment Erosion control blankets of the type specified will be paid for at the contract unit price per square meter [square yard] complete in place and accepted. Such payment shall be full compensation for furnishing and installing the blankets and initial seeding under blanket in accordance with this specification and for all required maintenance.

Payment will be made under:

<u>Pay Item</u>	<u>Pay Unit</u>
613.319 Erosion Control Blanket	square meter [Square Yard]

## SECTION 614 - VACANT

## SECTION 615 - LOAM

615.01 Description This work shall consist of furnishing and placing loam for seeding or sodding, in reasonably close conformity with the thicknesses called for on the plans or as authorized.

615.02 Materials Materials shall conform to the requirements specified in the following Sections of Division 700 - Materials:

Humus	717.09
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Loam shall meet the following requirements:

<u>Organic Content</u>		<u>Percent by Volume</u>
Test.	Humus	10% - 20%, as determined by Ignition
	pH	5.5 - 8.0
<u>Mineral Content</u>		<u>Percent by Volume</u>
Sand - 2.0mm - 0.05mm [0.08 in to 0.002 in] diameter		45% - 75%
Silt - 0.05mm - 0.002mm [0.002 in to 0.00008 in] diameter		20% - 40%
Clay - less than 0.002mm [0.00008 in] diameter		5% - 15%

The loam shall be screened, loose, friable, and shall be free from admixture of subsoil, refuse, large stones, clods, roots, or other undesirable foreign matter. It shall be reasonably free of weeds, roots, or rhizomes.

The Contractor shall submit loam testing results; the cost of testing shall be considered incidental to the Pay Item for Loam.

The Contractor may elect to manufacture loam from a combination of project materials that the Contractor is entitled to use, combined with other suitable materials furnished by the Contractor.

615.03 Preparing Areas All slopes and other areas where loam is to be placed shall be shaped to the required grade. Before placing the loam on hard or compacted soils, the areas under preparation shall be scarified and loosened to a depth of at least 50 mm [2 in].

615.04 Placing Loam Loam shall be spread uniformly on prepared areas to the depth shown on the plans or as directed. Any remaining clods, roots, stones over 50 mm [2 in] in its greatest diameter and all other foreign matter, shall be removed. On areas to be seeded under Method Number 1, all rocks over 25 mm [1 in] in diameter shall be removed. All loam shall be brought to a true, even surface, meeting the required grade. The Contractor shall compact the loam with a 45 kg [100 lb] roller or other approved means. Loam thickness shall meet the specified depth after compaction.

615.05 Method of Measurement Loam will be measured by the cubic meter [cubic yard] complete in place after finishing to the required depths as shown on the plans or directed. Lateral measurements will be parallel with the slope of the ground.

Removal of existing topsoil salvaged from within the lines of improvement will be measured for payment in accordance with Section 203.18. The depth of the salvaged topsoil to be included for payment shall be the depth authorized. There will be no deduction from borrow quantities resulting from the authorized excavation of salvaged topsoil.

615.06 Basis of Payment The accepted quantities of loam will be paid for at the contract unit price per cubic meter [cubic yard] complete in place. Existing topsoil removed from within the lines of improvement and stockpiled for later use as loam will be paid for under Pay Item 203.20, Common Excavation, after removal and stockpiling, and will be paid for under Pay Item 615.07, Loam, when placed in its final position. Grading surplus topsoil, salvaged but not required for use on slopes as loam, will be paid for under the appropriate items of Section 631 - Equipment Rental, Section 618 - Seeding, and Section 619 - Mulch.

Payment will be made under:

<u>Pay Item</u>	<u>Pay Unit</u>
615.07      Loam	cubic meter [Cubic Yard]
615.0701   Loam - Plan Quantity	cubic meter [Cubic Yard]

## SECTION 616 - SODDING

616.01 Description This work shall consist of furnishing and placing approved live sod on a bed of friable soil for the replacement of lawns or other areas called for on the plans or authorized.

616.02 Materials Materials shall meet the requirements in the following Sections of Division 700 - Materials:

Fertilizer	717.01(b)
Agricultural Ground Limestone	717.02

Sod may be either field sod or cultivated sod.